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PATENT  
Docket No. 6300.96.1

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Frazier et al.

Serial No.: 09/787,498

Filed: March 16, 2001

For: SURFACE MICROMACHINED  
MICRONEEDLES

Examiner: Camtu Nguyen

Patent No.: 7,048,723

Issue Date: May 23, 2006

Art Unit  
3743

### REQUEST FOR A CERTIFICATE OF CORRECTION UNDER 37 C.F.R. § 1.323

Attn: Certificate of Correction Branch  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the provisions of 37 C.F.R. § 1.323 which implement 35 U.S.C. § 255, the Commissioner is respectfully requested to issue a Certificate of Correction to correct mistakes in the above-identified patent. The enclosed Patent Office Form 1050 reflects the desired corrections. Also enclosed please find a check in the amount of \$100.00 to cover the costs for issuance of this certificate.

Certificate  
MAR 01 2007  
of Correction

01 FC:1811

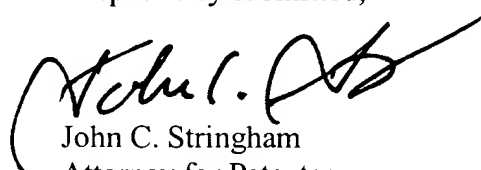
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MAR 15 2007

The Commissioner is hereby authorized to charge payment of any fees associated with this communication or credit any overpayment to Deposit Account No. 23-3178. Duplicate copies of this letter are enclosed.

Dated this 22 day of February, 2007.

Respectfully submitted,



John C. Stringham  
Attorney for Patentee  
Registration No. 40,831  
Customer No. 022913

JCS:dcn  
Docket No. 6300.96.1  
PR0000001958V001

CERTIFICATE OF DEPOSIT UNDER 37 C.F.R. § 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 23 day of February, 2007.



Transmitted: REQUEST FOR A CERTIFICATE OF CORRECTION UNDER 37 C.F.R. § 1.323,  
PTO Form 1050 and Check No. 151197 for \$100.00

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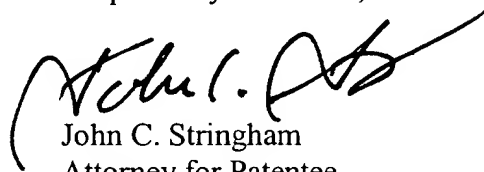
\* Admitted only in California  
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## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : 7,048,723

Page 1 of 1

APPLICATION NO. : 09/787,498

ISSUE DATE : May 23, 2006

INVENTOR(S) : Frazier et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**Title page**

Abstract clause, line 12, change "on" to --one--

**Column 7**

Line 24, after "The" insert --needle array device 74 can then be disposed in a machined interface structure 76 such as--

**Column 8**

Line 28, before "to have", remove [to have]

Line 36, change "one dimensional" to --one-dimensional--

**Column 9**Equation (2), line 25, change " $\frac{\partial^2 V}{\partial x^2} \cdot \frac{\partial^2 V}{\partial y^2} - \frac{1}{\mu} \nabla p = 0$ " to  $-\frac{\partial^2 V}{\partial x^2} + \frac{\partial^2 V}{\partial y^2} - \frac{1}{\mu} \nabla p = 0$ --**Column 10**

Line 28, change ", while" to --. While--

MAILING ADDRESS OF SENDER (Please do not use customer number)

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing the burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

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